

FORM PTO-1390  
(REV 07-2005)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTORNEY DOCKET NO.  
60091.00447TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

DATE: January 10, 2006

U.S. APPLN. NO.  
(IF KNOWN, SEE 37 C.F.R. 1.5)

10/563953

INTERNATIONAL APPLICATION NO. PCT/FI2003/000558	INTERNATIONAL FILING DATE 11 July 2003	PRIORITY DATE CLAIMED
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## TITLE OF INVENTION: BEACON TRANSMISSION IN SHORT-RANGE WIRELESS COMMUNICATION SYSTEMS

APPLICANT(S) FOR DO/EO/US: Hasse SINIVAARA, Mika KASSLIN, Jari JOKELA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.  
(THE BASIC FILING FEE IS ATTACHED)
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
  - a.  is transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  has been transmitted by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
  - a.  are transmitted herewith (required only if not transmitted by the International Bureau).
  - b.  have been transmitted by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9.  An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)].
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 - 20 below concern other document(s) or information included:

11.  An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.  
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14.  Application Data Sheet.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: CHECK NO. 13863; Formal Drawings (Figs. 1-10; 3 sheets); Copy of PCT/ISA/210

U.S. APPLN. NO. (IF KNOWN, SEE 37 C.F.R. 1.50) <b>10/563953</b>		INTERNATIONAL APPLICATION NO. PCT/FI2003/000558 -		ATTORNEY DOCKET NO. 60091.00447	
				DATE: January 10, 2006	
The following fees have been submitted				CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic National Fee (37 CFR 1.492(a)).....\$300.00				\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) • If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4) \$0.00 • All other situations.....\$200.00				\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) • If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4).....\$0.00 • Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the United States Patent & Trademark Office as an International Search Authority.....\$100.00 • International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400.00 • All other situations.....\$500.00				\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 900.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(e)].				\$	
Claims		Number Filed	Number Extra	Rate	
Total Claims		30 - 20 =	10	X \$ 50.00 \$ 500.00	
Independent Claims		4 - 3 =	1	X \$ 200.00 \$ 200.00	
Multiple dependent claim(s) (if applicable)				+ \$360.00	\$
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
21 - 100 =	/50 =		X \$250.00	\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,600.00	
Reduction by one-half for filing by small entity, if applicable. Applicant claims small entity status. See 37 CFR 1.27.				\$	
<b>SUBTOTAL =</b>				\$ 1,600.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date [37 C.F.R. 1.492(f)]. +				\$	
<b>TOTAL NATIONAL FEE =</b>				\$ 1,600.00	
Fee for recording the enclosed assignment [37 C.F.R. 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,600.00	
				Amount to be refunded	\$
				Charged	\$

U.S. APPLN. NO. (IF KNOWN,  
SEE 37 C.F.R. 1.60)  
**10/563953**

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- a.  A check in the amount of \$1,600.00 to cover the above fees is enclosed. (Ck. No. 13863)
- b.  Please charge Counsel's Deposit Account No. 50-2222 in the amount of \$\_\_\_\_ to cover the above fee.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Counsel's Deposit Account No. 50-2222.

NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive  
[37 C.F.R. 1.137(a) or (b)] must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer Number 32294  
SQUIRE, SANDERS & DEMPSEY LLP  
8000 Towers Crescent Drive  
14<sup>th</sup> Floor  
Tysons Corner, Virginia 22182-2700  
Telephone: 703-720-7800  
Fax: 703-720-7802

*Douglas H. Goldhush*  
Reg. No. 416,621  
f/s Douglas H. Goldhush  
Reg. No. 33,125